Amendments to the Specification:

Please amend the specification as follows. The paragraph numbering indicated is the same as found in the published application, U.S. Pat. Appl. Publ. No. 2007/0026015 A1.

[0182] FIG. 9 shows a comparison of H3 Panama HA Natural Sequence **(SEQ ID NO:1)** with a H3 Panama HA Encoded by pPJV1671 **(SEQ ID NO:2)** and a Consensus sequence **(SEQ ID NO:3)**.

[0185] FIG. 12 provides a nucleotide sequence for the pPJV7563 plasmid **(SEQ ID NO:4)**.

[0190] FIGS. 17 to 22 relate to constructs that express HIV antigens and to sequences that encode HIV antigens **(SEQ ID NOs:5-14)**.

[0201] For the cellular immune assays, single cell suspensions of splenocytes from the spleens of the immunized animals were cultured in vitro in the presence of a peptide corresponding to a known CD8 epitope in Balb/c mice. The peptide was dissolved in DMSO (10 mg/ml) and diluted to 10 ug/ml in culture. The sequence of the peptide was IPQSLDSWWTSL (~~**SEQ ID NO: 20**~~ **SEQ ID NO:15**).

[0206] The amount of antigen-specific IFN-.gamma. secreted by the splenocytes was determined using a cytometric bead assay. $1x10^6$ splenocytes were added to each well of a 96 well plate and were stimulated in medium alone (negative control), or in medium with 1 μg/ml of a HIV gp120 peptide having the following sequence: RIQRGPGRAFVITGK (~~**SEQ ID NO: 21**~~ **SEQ ID NO:16**). Following a 48 hour incubation at 37 °C. in 5% CO_2, supernatants were removed and IFN-gamma levels were measured by a cytometric bead assay (BD Biosciences).

[0210] In order to construct the ICP27 vector used in the present study, the ICP27 coding region was PCRed from the HSV-2 genome using the following primers: 5'CGCC ACT CTC TTC CGA CACC3' (~~**SEQ ID NO:25**~~ **SEQ ID NO:17**) and 5'CCAA GAA CAT CAC ACG GAA CC3' (~~**SEQ ID NO:26**~~ **SEQ ID NO:18**) to obtain a nucleotide fragment containing nucleotide sequences 114523-116179 (GenBank) of HSV-2 which correspond to the ICP27

coding region. The ICP27 fragment was then cloned into the multiple cloning region of the pTarget vector (Promega Corp., Madison, Wiss.).

[0220] Single cell suspensions were obtained from mouse spleens. Spleens were squeezed through a mesh to produce a single cell suspension and cells were then sedimented, and treated with ACK buffer (Bio Whittaker, Walkersville Md.) to lyse red blood cells. The cells were then washed twice in RPMI 1640 media supplemented with HEPES, 1% glutamine (Bio Whittaker), and 5% heat inactivated fetal calf serum (FCS, Harlan, Indianapolis Ind.). Cells were counted, and resuspended to an appropriate concentration in "Total" media consisting of RPMI 1640 with HEPES and 1% glutamine, supplemented with 5% heat inactivated FCS, 50 μM mercaptoethanol (Gibco-BRL, Long Island N.Y.), gentamycin (Gibco-BRL), 1 mM MEM sodium pyruvate (Gibco-BRL) and MEM non-essential amino acids (Sigma, St. Louis Mo.). For the CD8 specific assays cells were cultured in vitro in the presence of a peptide corresponding to a known CD8 epitope. For ICP27 in BALB/C mice the sequence of the peptide was HGPSLYRTF **(SEQ ID NO:19)** (QCB Inc). Peptides were made up in DMSO (10 mg/ml) and diluted to 10 μg/ml in culture medium.